

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081823\
 Data File : P0097274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 21:38
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:13:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.410	3.614	167.6E6	66867073	50.635	50.512
2) SA Decachlor...	10.350	8.629	119.3E6	55163796	54.543	47.681
Target Compounds						
3) L1 AR-1016-1	5.596	4.716	1450567	564473	15.401	12.732
4) L1 AR-1016-2	5.623	4.716	1835725	564473	13.723	9.228 #
5) L1 AR-1016-3	5.683	4.894	771532	534690	8.866	16.367 #
6) L1 AR-1016-4	5.782	4.936	772679	15313511	11.503	535.692 #
7) L1 AR-1016-5	6.084	5.149	19377619	12730120	277.549	331.113
8) L2 AR-1221-1	4.599	3.777f	252230	213988	6.189	12.329 #
9) L2 AR-1221-2	4.690	3.914	31053	885110	1.022	68.503 #
10) L2 AR-1221-3	4.785	3.989	581080	212478	6.639	5.353
11) L3 AR-1232-1	4.785	3.989	581080	212478	7.967	6.569
12) L3 AR-1232-2	5.324	4.716	1055283	564473	26.618	19.564 #
13) L3 AR-1232-3	5.623	4.894	1835725	534690	30.009	35.265
14) L3 AR-1232-4	5.782	4.976	772679	6053131	25.322	405.036 #
15) L3 AR-1232-5	5.876	5.149	33131362	12730120	1183.974	778.754 #
16) L4 AR-1242-1	5.596	4.716	1450567	564473	17.306	14.318
17) L4 AR-1242-2	5.623	4.716	1835725	564473	15.588	10.359 #
18) L4 AR-1242-3	5.683	4.894	771532	534690	10.444	18.083 #
19) L4 AR-1242-4	5.782	4.976	772679	6053131	12.980	192.078 #
20) L4 AR-1242-5	6.541	5.502	16798246	38156024	305.313	1047.201 #
21) L5 AR-1248-1	5.596	4.716	1450567	564473	24.756	20.115
22) L5 AR-1248-2	5.876	4.936	33131362	15313511	352.395	361.330
23) L5 AR-1248-3	6.084	4.976	19377619	6053131	198.117	137.994 #
24) L5 AR-1248-4	6.497	5.149	24885905	12730120	273.943	249.366
25) L5 AR-1248-5	6.541	5.542	16798246	6079499	190.703	130.038 #
26) L6 AR-1254-1	6.471	5.502	51638906	38156024	472.491	517.046
27) L6 AR-1254-2	6.695	5.650	79076797	33962484	490.467	515.518
28) L6 AR-1254-3	7.072	6.055	78228917	50189060	499.237	496.614
29) L6 AR-1254-4	7.366	6.284	54090344	30363275	536.514	524.637
30) L6 AR-1254-5	7.797	6.703	58252615	43221389	519.119	491.626
31) L7 AR-1260-1	7.241	6.185	32591198	25798784	259.302	366.626 #
32) L7 AR-1260-2	7.505	6.374	34521872	21016638	256.220	251.807
33) L7 AR-1260-3	7.859	6.526	8214515	19214031	79.158	248.823 #
34) L7 AR-1260-4	8.093	7.000	23104341	2140940	206.651	33.409 #
35) L7 AR-1260-5	8.441	7.244	8212719	5012957	39.112	36.160
36) L8 AR-1262-1	7.859	6.793	8214515	1609600	55.307	40.885 #
37) L8 AR-1262-2	8.441	7.000	8212719	2140940	35.481	26.397 #
38) L8 AR-1262-3	8.784	7.528	6890993	219291	41.313	3.417 #
39) L8 AR-1262-4	8.831	7.590	2630367	4785271	36.078	42.124
40) L8 AR-1262-5	9.550	8.090	522997	180052	6.280	3.428 #
41) L9 AR-1268-1	8.784	7.528	6890993	219291	22.417	1.184 #

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Integration File signal 1: autoint1.e
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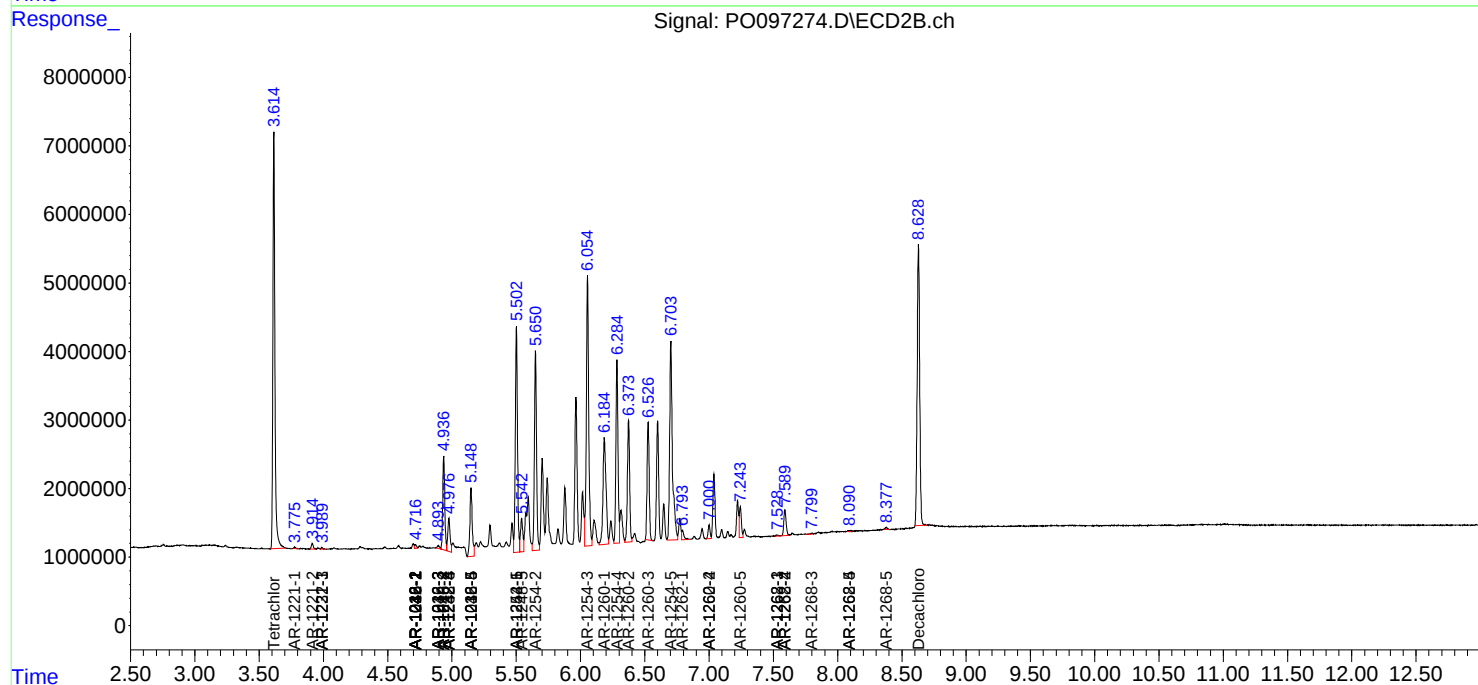
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

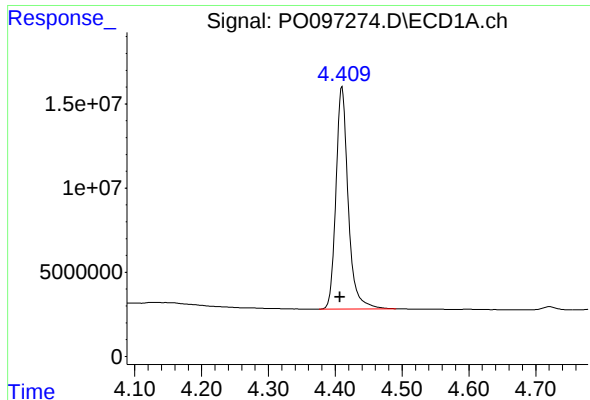
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.590	2630367	4785271	9.593	28.537 #
43) L9	AR-1268-3	9.104	7.799	604998	156138	2.369	1.081 #
44) L9	AR-1268-4	9.550	8.090	522997	180052	5.641	3.022 #
45) L9	AR-1268-5	9.987	8.376	466420	352115	0.577	0.847 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

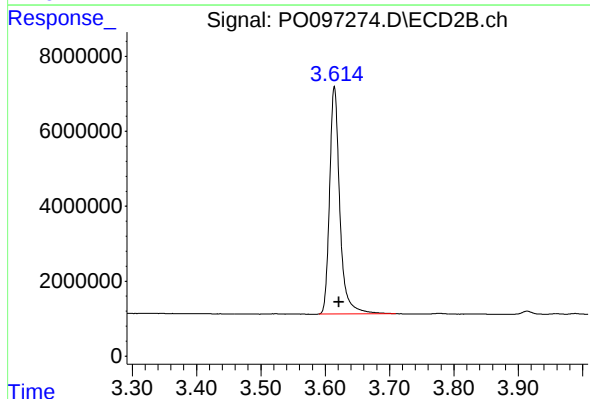




#1 Tetrachloro-m-xylene

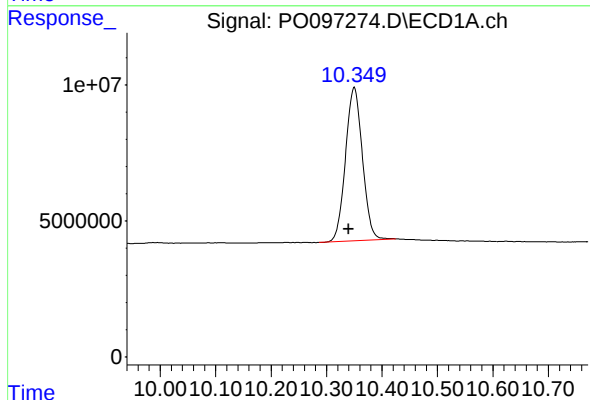
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 167612409
Conc: 50.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



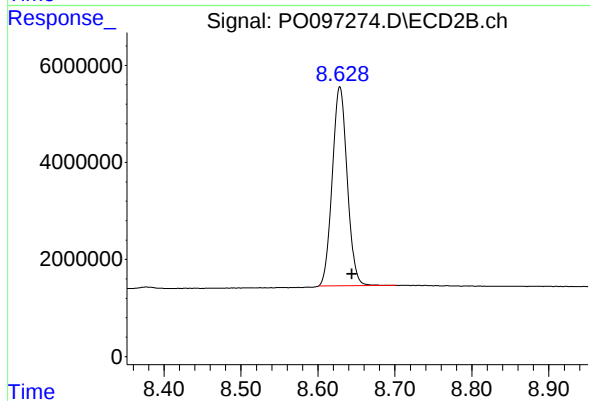
#1 Tetrachloro-m-xylene

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 66867073
Conc: 50.51 ng/ml



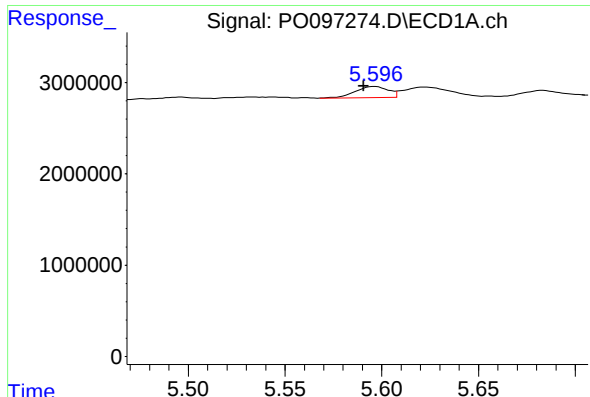
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: 0.011 min
Response: 119349620
Conc: 54.54 ng/ml



#2 Decachlorobiphenyl

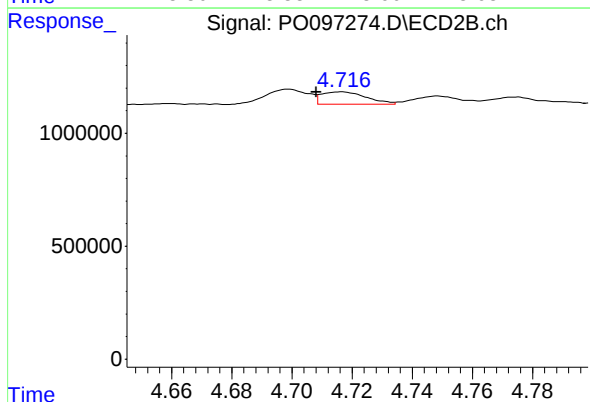
R.T.: 8.629 min
Delta R.T.: -0.015 min
Response: 55163796
Conc: 47.68 ng/ml



#3 AR-1016-1

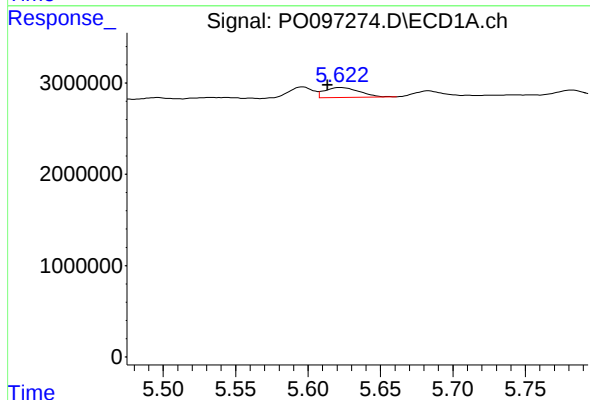
R.T.: 5.596 min
Delta R.T.: 0.006 min
Response: 1450567
Conc: 15.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



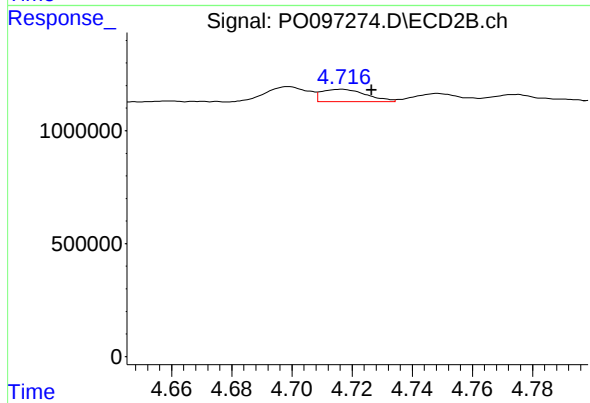
#3 AR-1016-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 564473
Conc: 12.73 ng/ml



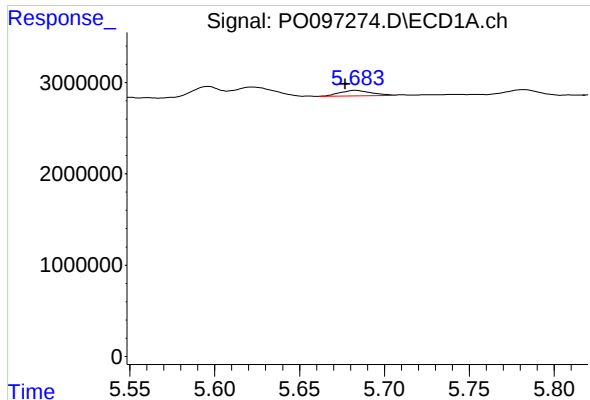
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.009 min
Response: 1835725
Conc: 13.72 ng/ml



#4 AR-1016-2

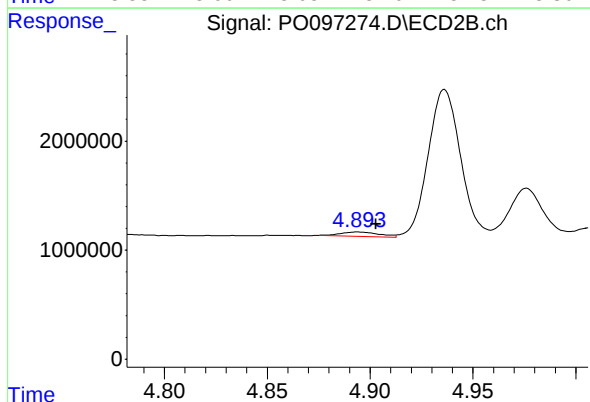
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 564473
Conc: 9.23 ng/ml



#5 AR-1016-3

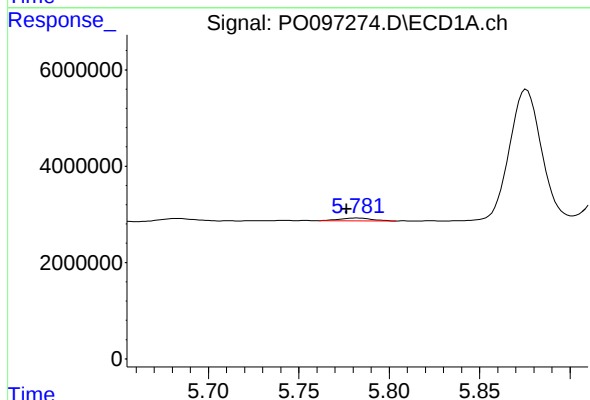
R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 771532
Conc: 8.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



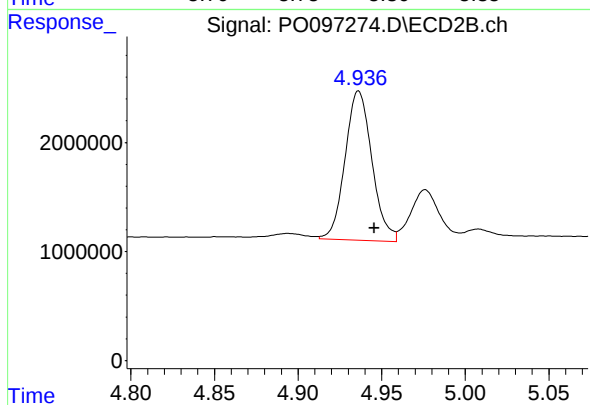
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 534690
Conc: 16.37 ng/ml



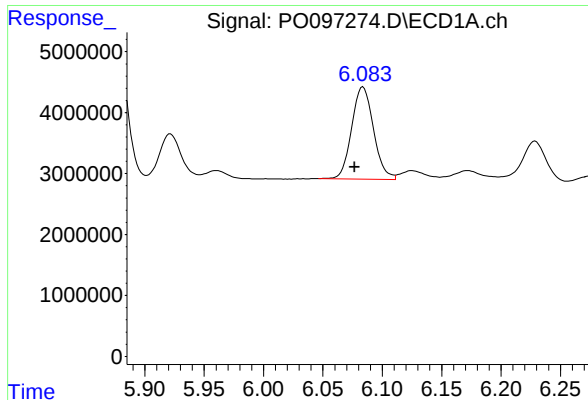
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 772679
Conc: 11.50 ng/ml



#6 AR-1016-4

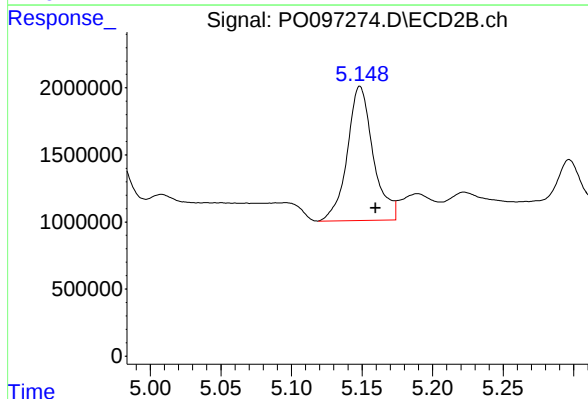
R.T.: 4.936 min
Delta R.T.: -0.009 min
Response: 15313511
Conc: 535.69 ng/ml



#7 AR-1016-5

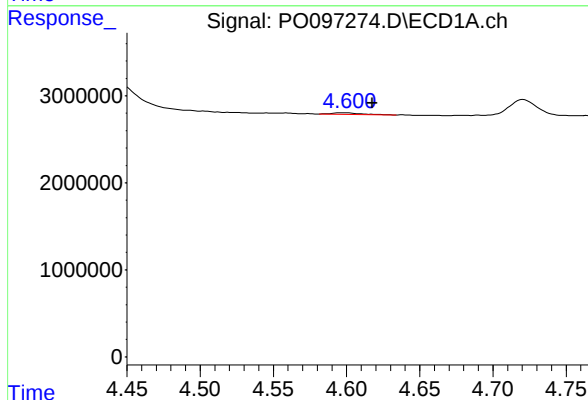
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 19377619
Conc: 277.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



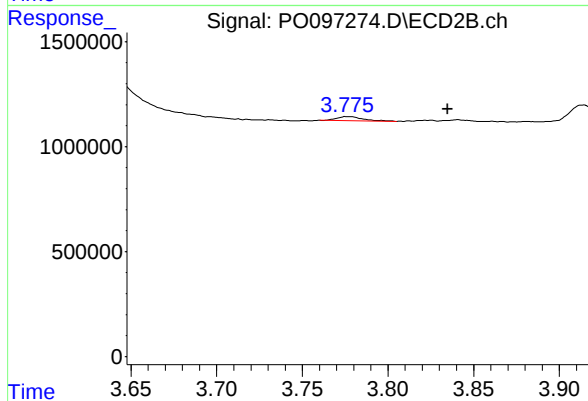
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 12730120
Conc: 331.11 ng/ml



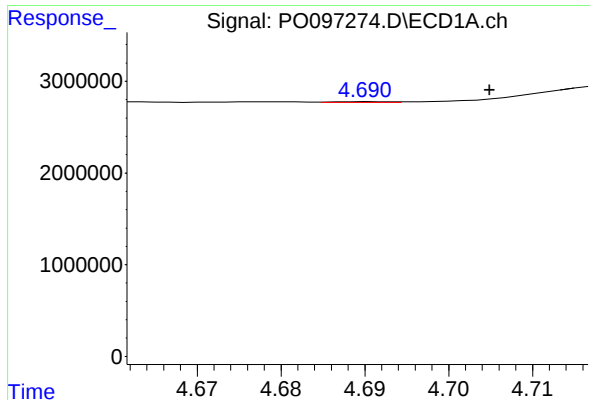
#8 AR-1221-1

R.T.: 4.599 min
Delta R.T.: -0.018 min
Response: 252230
Conc: 6.19 ng/ml



#8 AR-1221-1

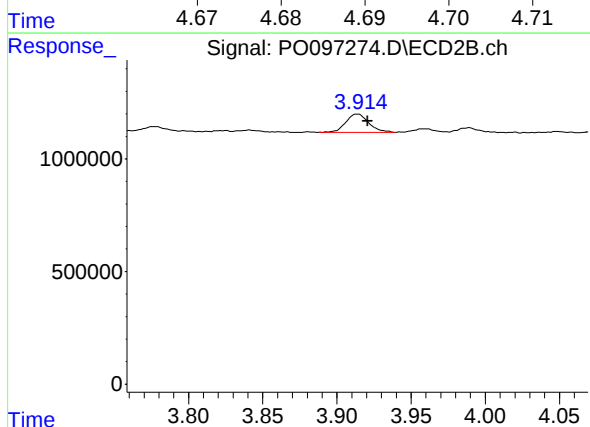
R.T.: 3.777 min
Delta R.T.: -0.058 min
Response: 213988
Conc: 12.33 ng/ml



#9 AR-1221-2

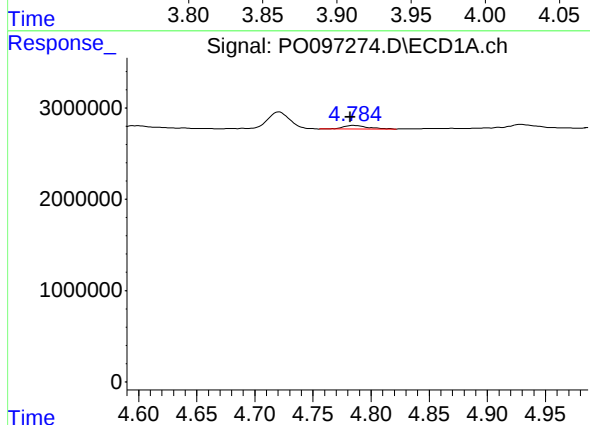
R.T.: 4.690 min
Delta R.T.: -0.015 min
Response: 31053
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



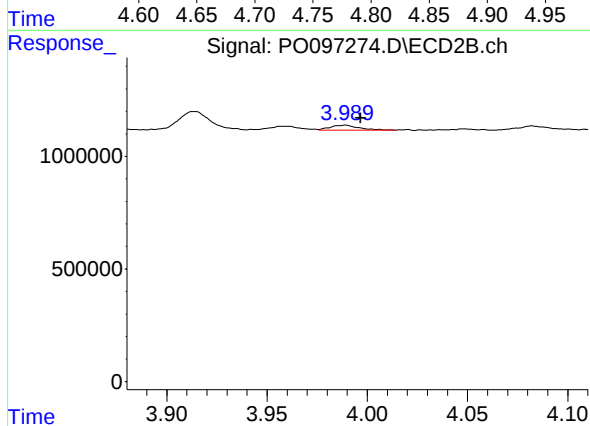
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.007 min
Response: 885110
Conc: 68.50 ng/ml



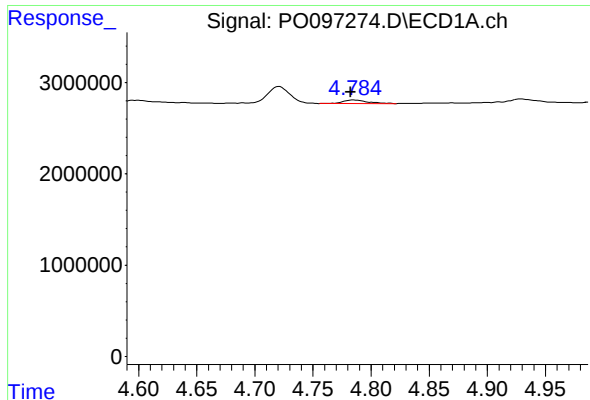
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.003 min
Response: 581080
Conc: 6.64 ng/ml



#10 AR-1221-3

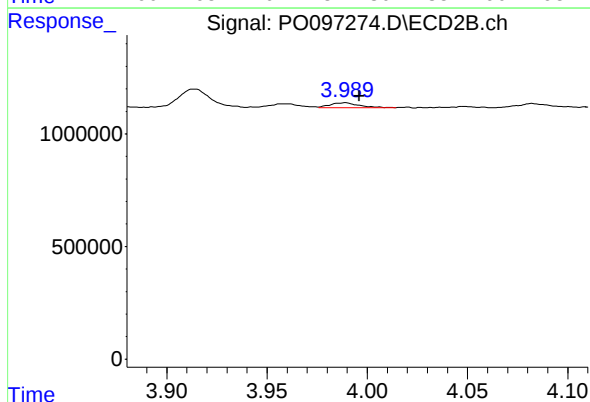
R.T.: 3.989 min
Delta R.T.: -0.008 min
Response: 212478
Conc: 5.35 ng/ml



#11 AR-1232-1

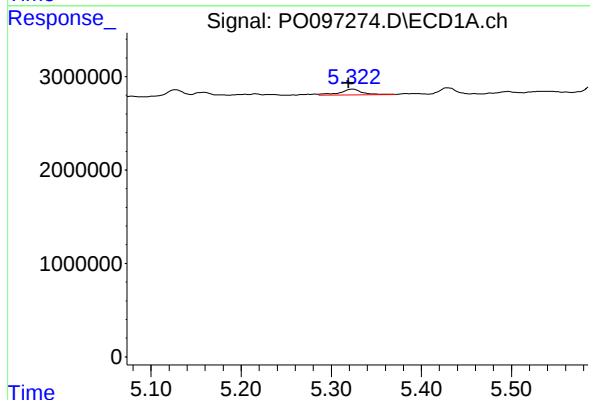
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 581080
Conc: 7.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



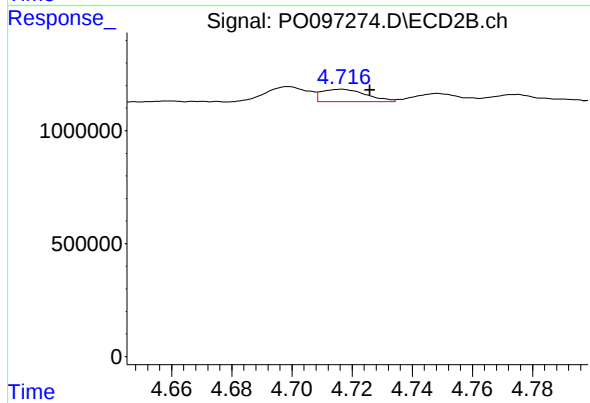
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.007 min
Response: 212478
Conc: 6.57 ng/ml



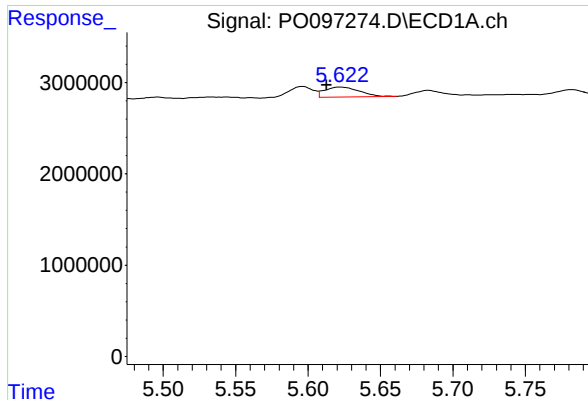
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 1055283
Conc: 26.62 ng/ml



#12 AR-1232-2

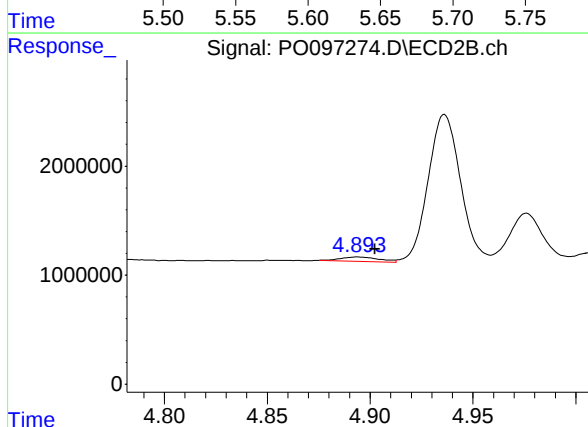
R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 564473
Conc: 19.56 ng/ml



#13 AR-1232-3

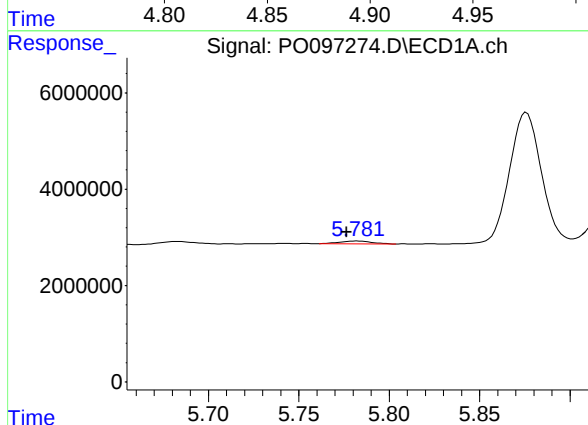
R.T.: 5.623 min
Delta R.T.: 0.010 min
Response: 1835725
Conc: 30.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



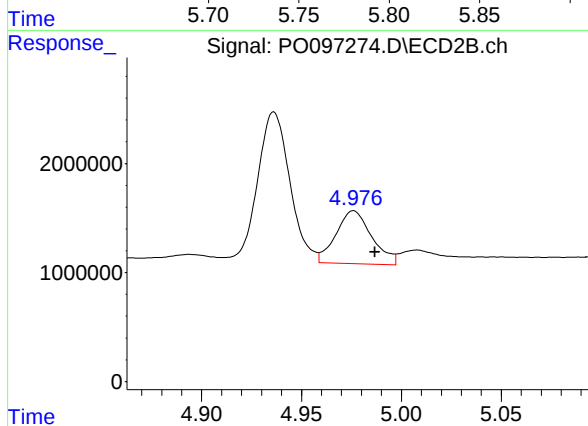
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 534690
Conc: 35.27 ng/ml



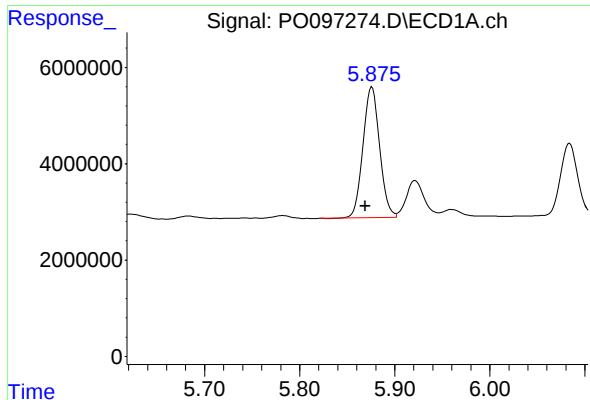
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.006 min
Response: 772679
Conc: 25.32 ng/ml



#14 AR-1232-4

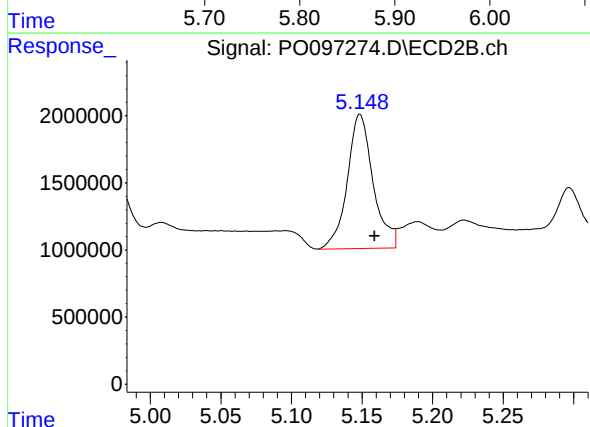
R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 6053131
Conc: 405.04 ng/ml



#15 AR-1232-5

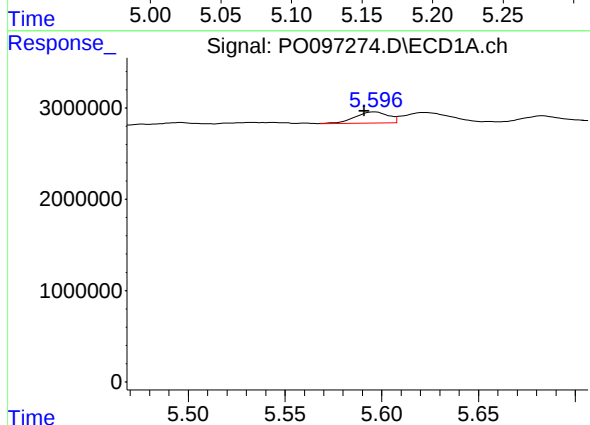
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 33131362
Conc: 1183.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



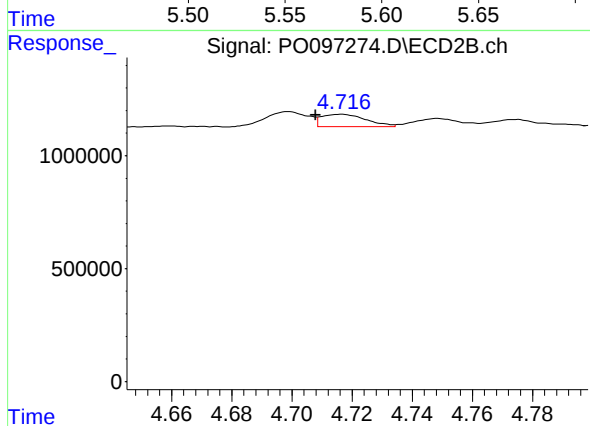
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 12730120
Conc: 778.75 ng/ml



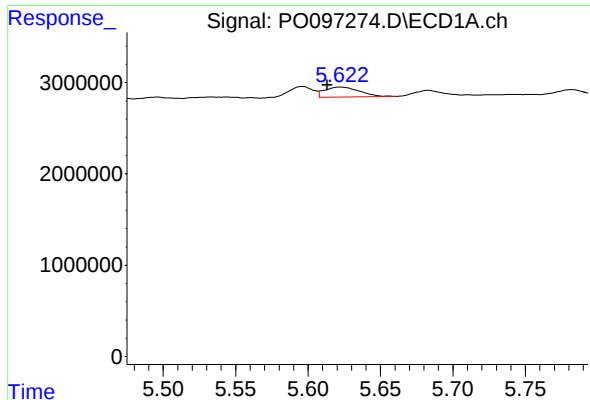
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1450567
Conc: 17.31 ng/ml



#16 AR-1242-1

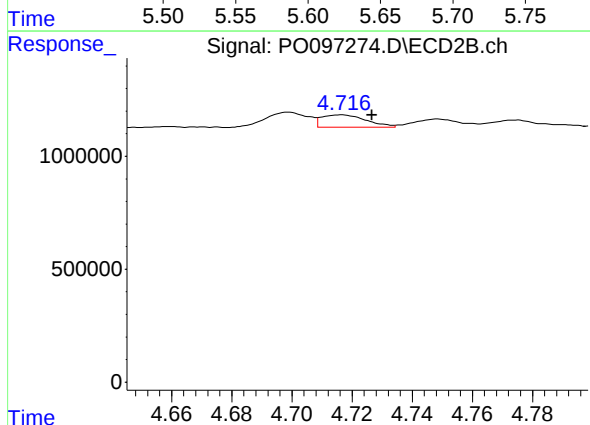
R.T.: 4.716 min
Delta R.T.: 0.009 min
Response: 564473
Conc: 14.32 ng/ml



#17 AR-1242-2

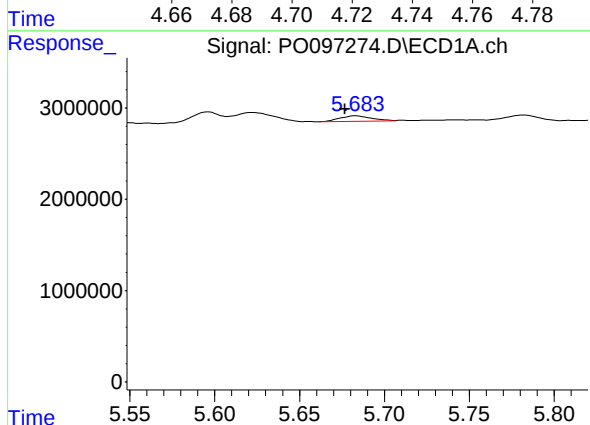
R.T.: 5.623 min
Delta R.T.: 0.009 min
Response: 1835725
Conc: 15.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



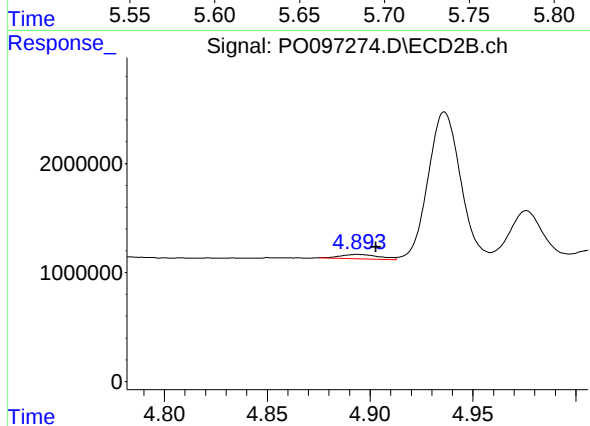
#17 AR-1242-2

R.T.: 4.716 min
Delta R.T.: -0.010 min
Response: 564473
Conc: 10.36 ng/ml



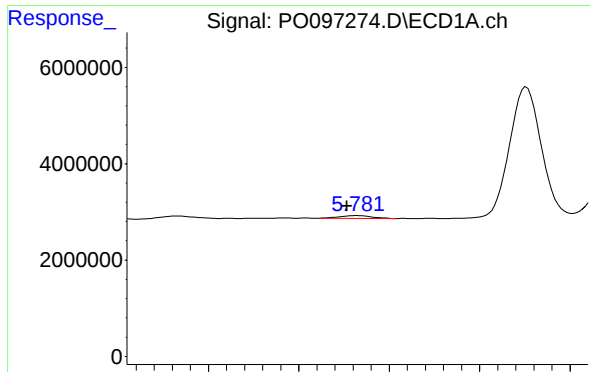
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 771532
Conc: 10.44 ng/ml



#18 AR-1242-3

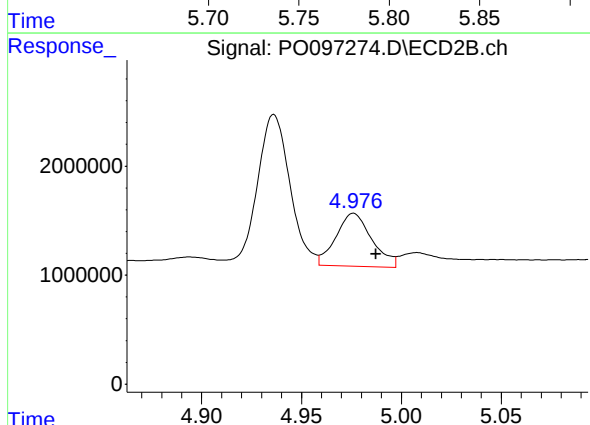
R.T.: 4.894 min
Delta R.T.: -0.009 min
Response: 534690
Conc: 18.08 ng/ml



#19 AR-1242-4

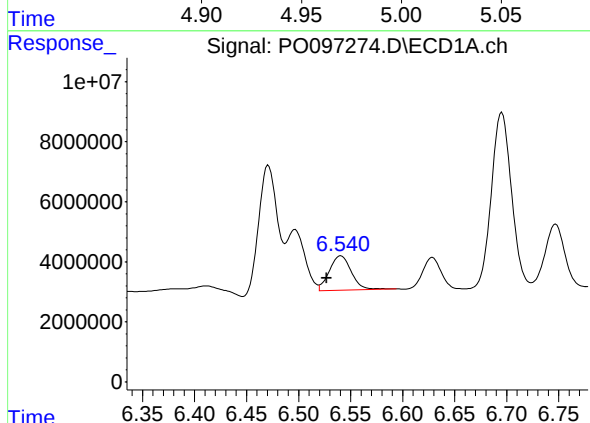
R.T.: 5.782 min
Delta R.T.: 0.005 min
Response: 772679
Conc: 12.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



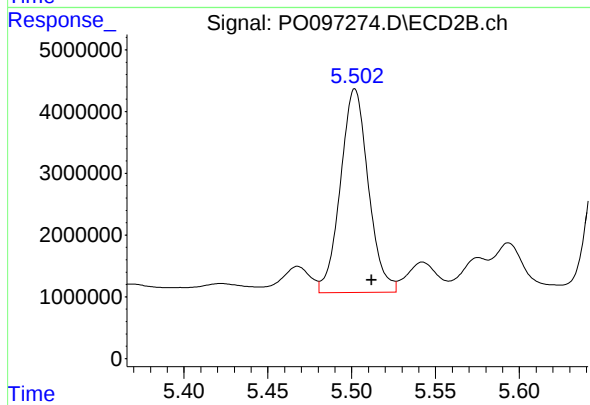
#19 AR-1242-4

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 6053131
Conc: 192.08 ng/ml



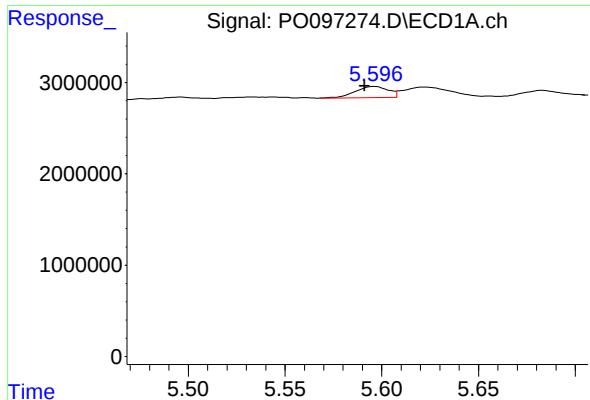
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 16798246
Conc: 305.31 ng/ml



#20 AR-1242-5

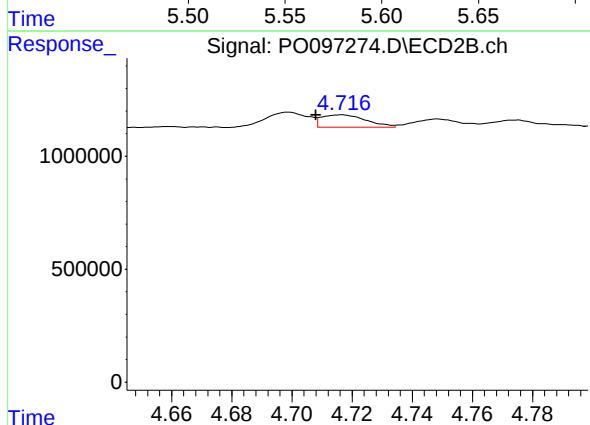
R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 38156024
Conc: 1047.20 ng/ml



#21 AR-1248-1

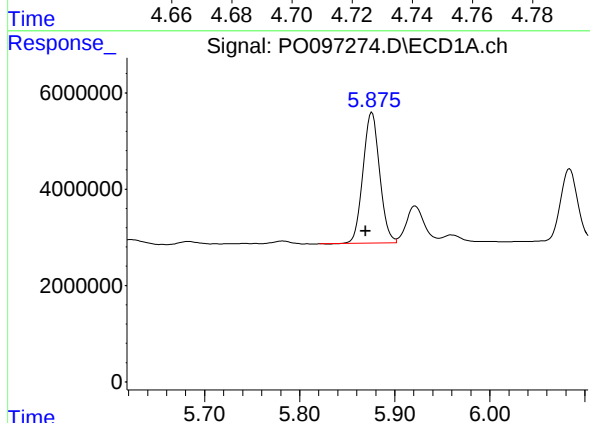
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1450567
Conc: 24.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



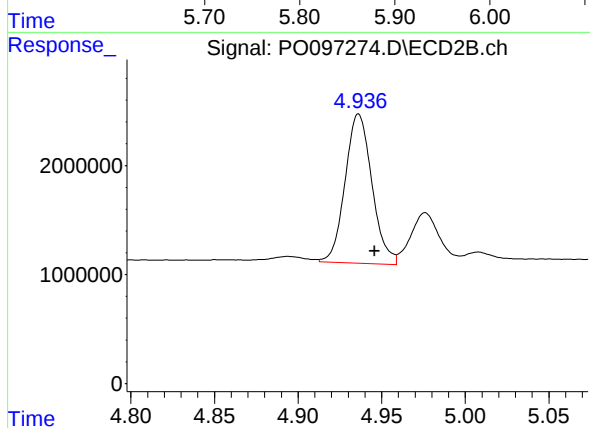
#21 AR-1248-1

R.T.: 4.716 min
Delta R.T.: 0.008 min
Response: 564473
Conc: 20.11 ng/ml



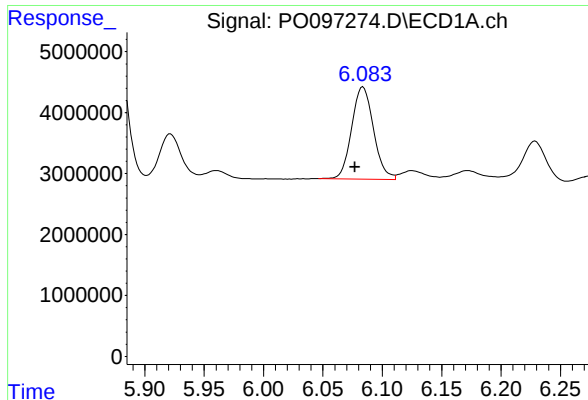
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 33131362
Conc: 352.40 ng/ml



#22 AR-1248-2

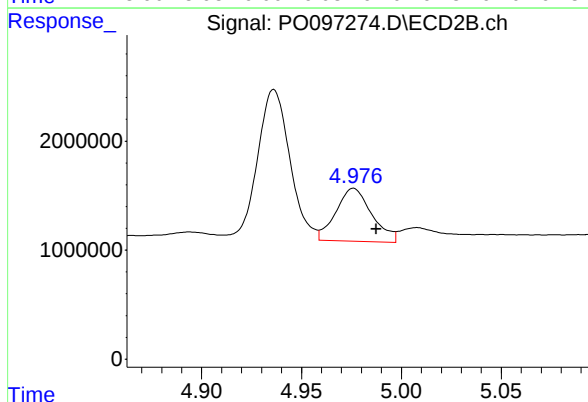
R.T.: 4.936 min
Delta R.T.: -0.010 min
Response: 15313511
Conc: 361.33 ng/ml



#23 AR-1248-3

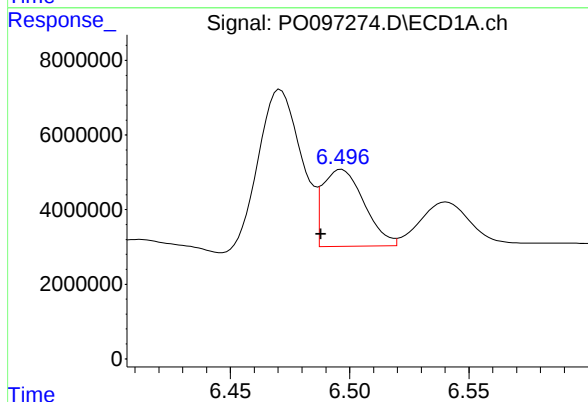
R.T.: 6.084 min
Delta R.T.: 0.007 min
Response: 19377619
Conc: 198.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



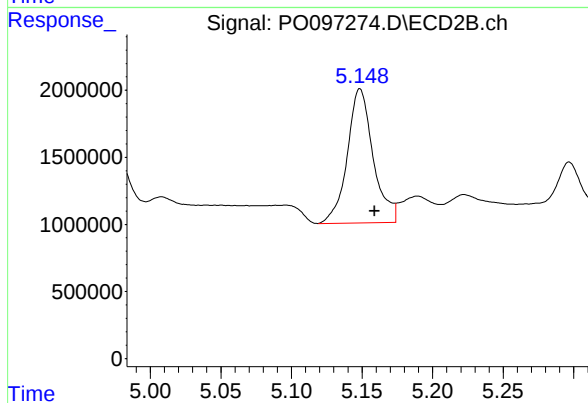
#23 AR-1248-3

R.T.: 4.976 min
Delta R.T.: -0.011 min
Response: 6053131
Conc: 137.99 ng/ml



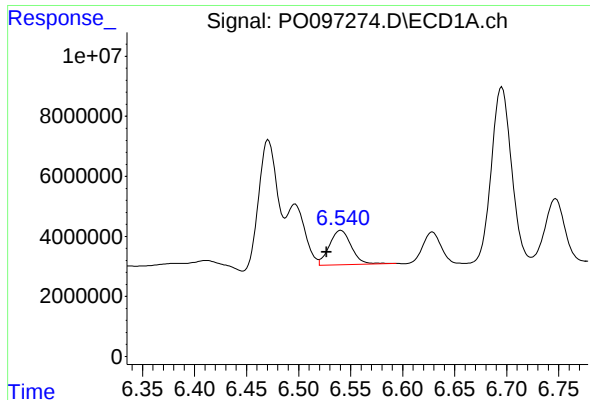
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 24885905
Conc: 273.94 ng/ml



#24 AR-1248-4

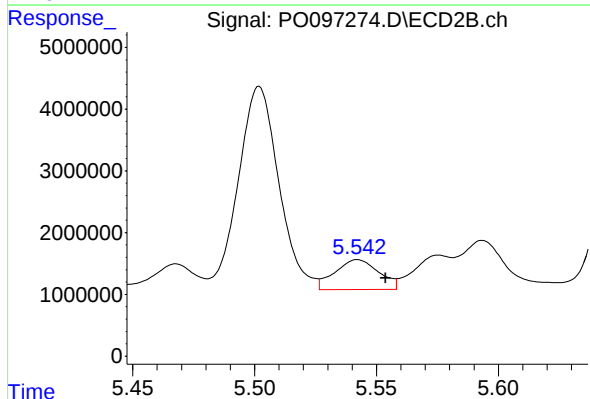
R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 12730120
Conc: 249.37 ng/ml



#25 AR-1248-5

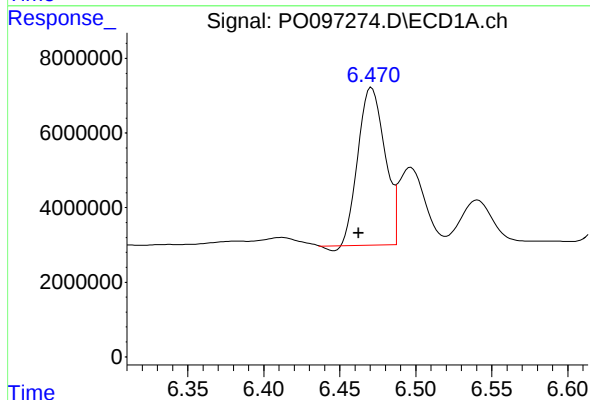
R.T.: 6.541 min
Delta R.T.: 0.013 min
Response: 16798246
Conc: 190.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



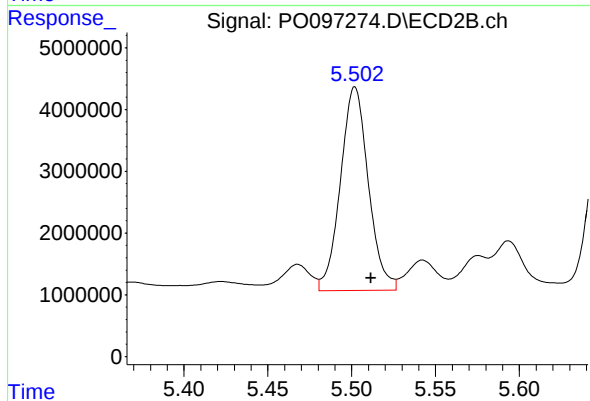
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.011 min
Response: 6079499
Conc: 130.04 ng/ml



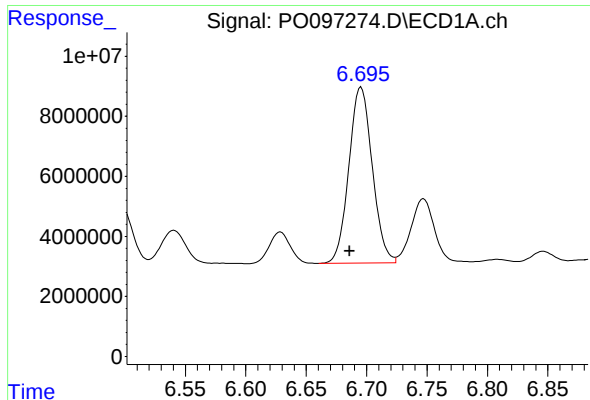
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.008 min
Response: 51638906
Conc: 472.49 ng/ml



#26 AR-1254-1

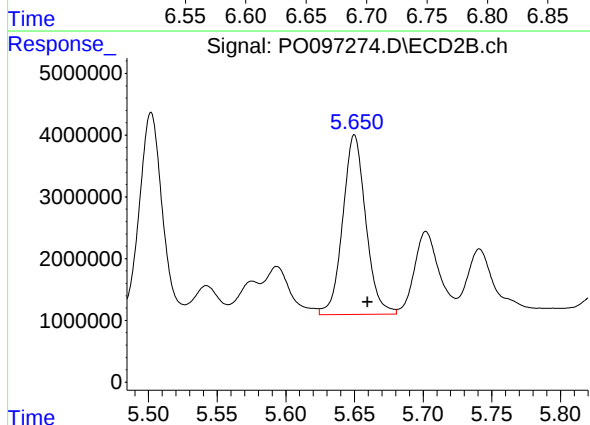
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 38156024
Conc: 517.05 ng/ml



#27 AR-1254-2

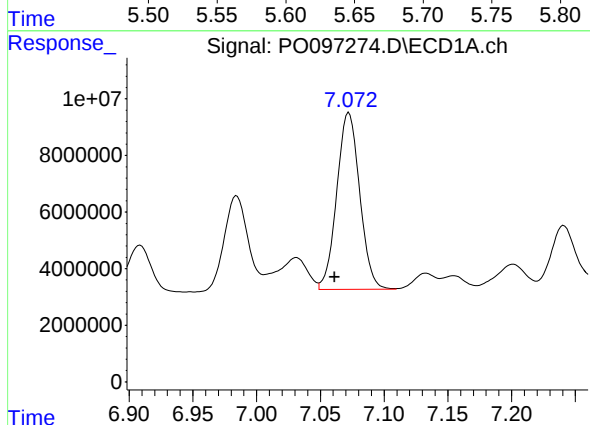
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 79076797
Conc: 490.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



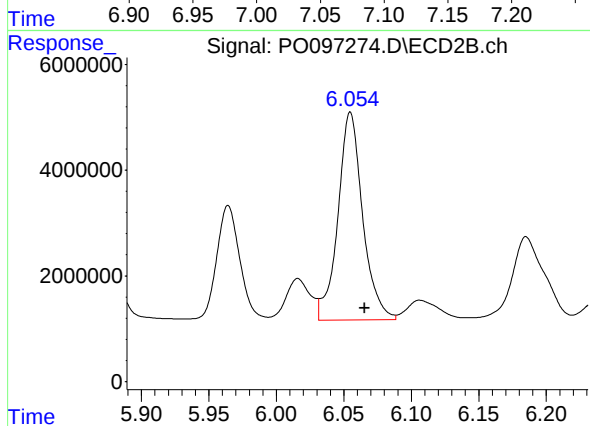
#27 AR-1254-2

R.T.: 5.650 min
Delta R.T.: -0.010 min
Response: 33962484
Conc: 515.52 ng/ml



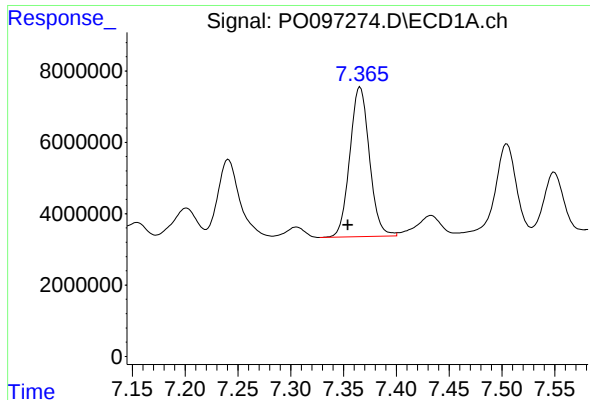
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 78228917
Conc: 499.24 ng/ml



#28 AR-1254-3

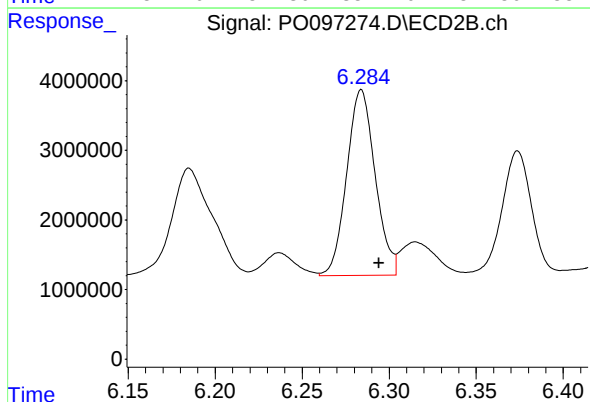
R.T.: 6.055 min
Delta R.T.: -0.010 min
Response: 50189060
Conc: 496.61 ng/ml



#29 AR-1254-4

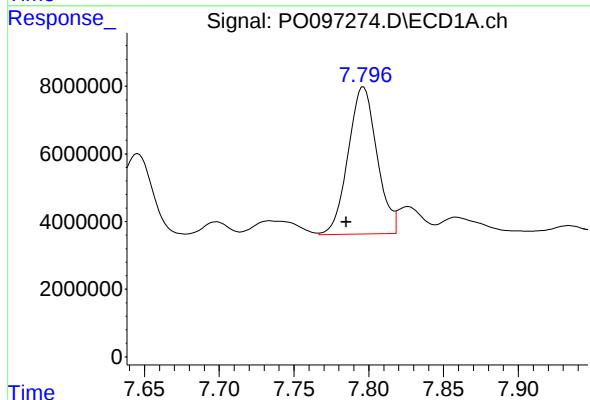
R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 54090344
Conc: 536.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



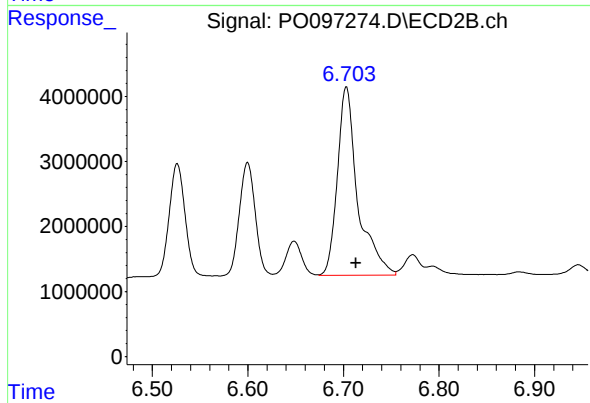
#29 AR-1254-4

R.T.: 6.284 min
Delta R.T.: -0.010 min
Response: 30363275
Conc: 524.64 ng/ml



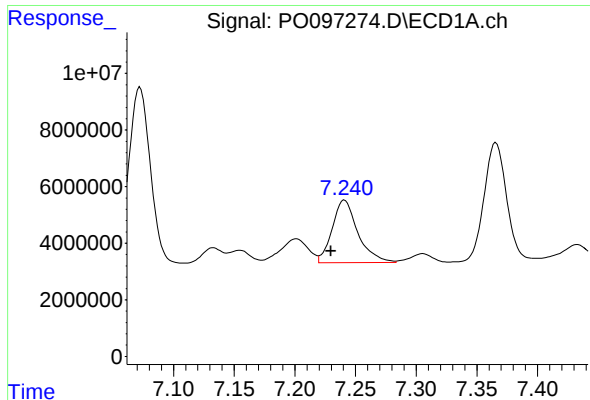
#30 AR-1254-5

R.T.: 7.797 min
Delta R.T.: 0.012 min
Response: 58252615
Conc: 519.12 ng/ml



#30 AR-1254-5

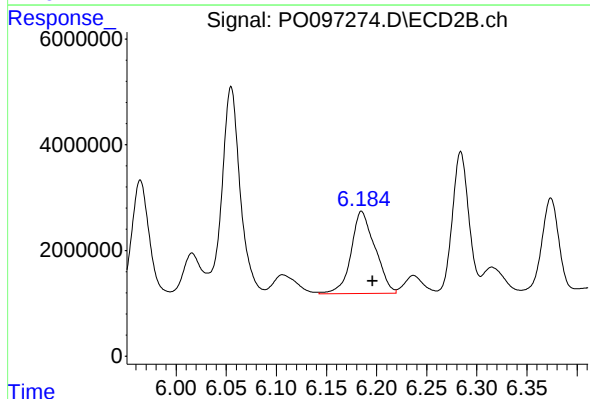
R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 43221389
Conc: 491.63 ng/ml



#31 AR-1260-1

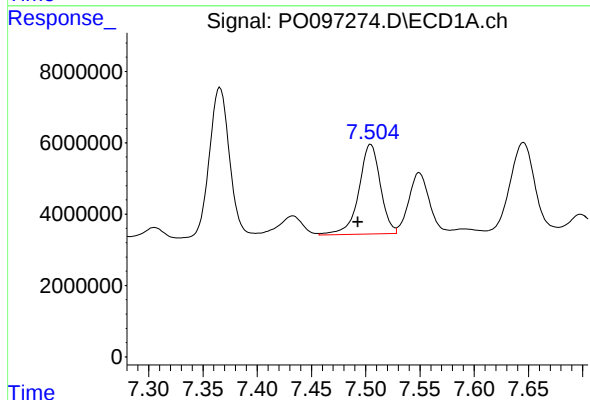
R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 32591198
Conc: 259.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



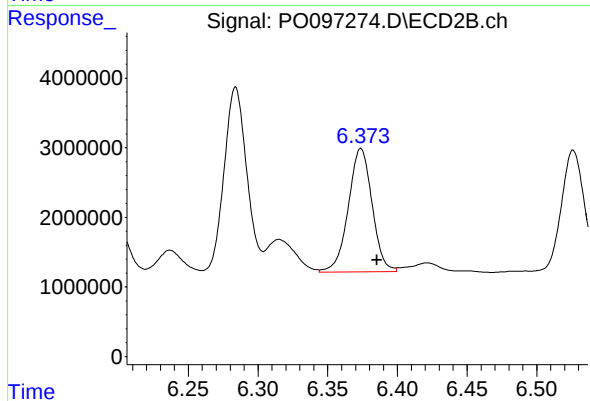
#31 AR-1260-1

R.T.: 6.185 min
Delta R.T.: -0.011 min
Response: 25798784
Conc: 366.63 ng/ml



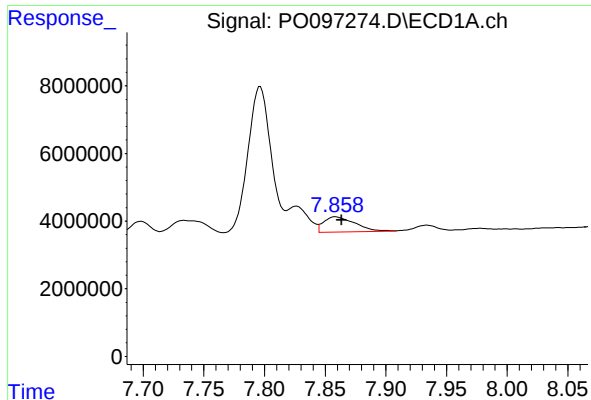
#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 34521872
Conc: 256.22 ng/ml



#32 AR-1260-2

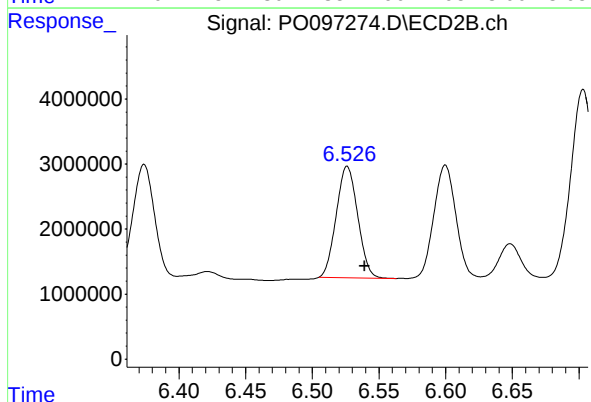
R.T.: 6.374 min
Delta R.T.: -0.011 min
Response: 21016638
Conc: 251.81 ng/ml



#33 AR-1260-3

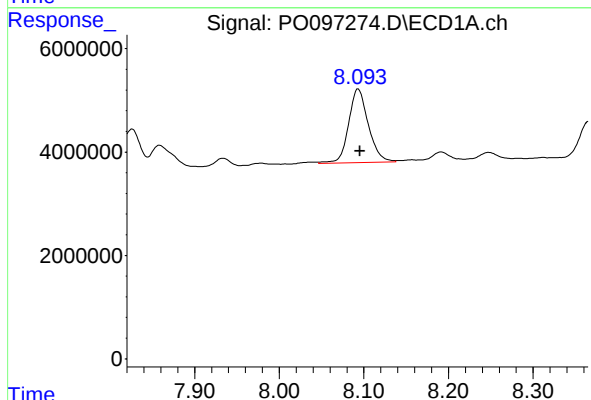
R.T.: 7.859 min
Delta R.T.: -0.005 min
Response: 8214515
Conc: 79.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



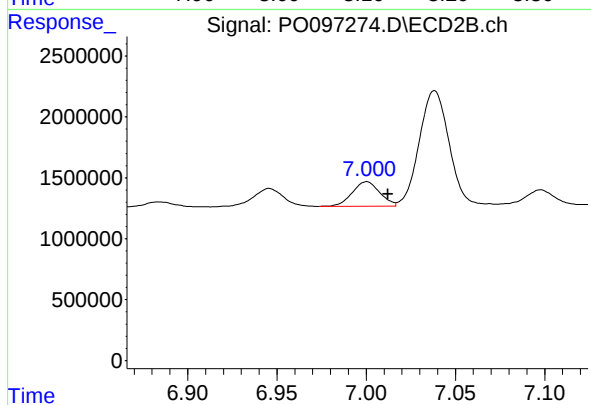
#33 AR-1260-3

R.T.: 6.526 min
Delta R.T.: -0.013 min
Response: 19214031
Conc: 248.82 ng/ml



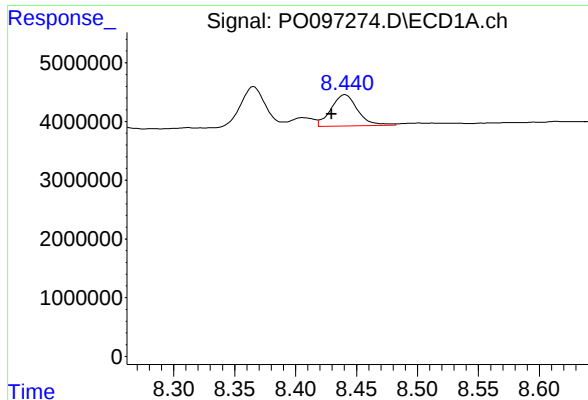
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.002 min
Response: 23104341
Conc: 206.65 ng/ml



#34 AR-1260-4

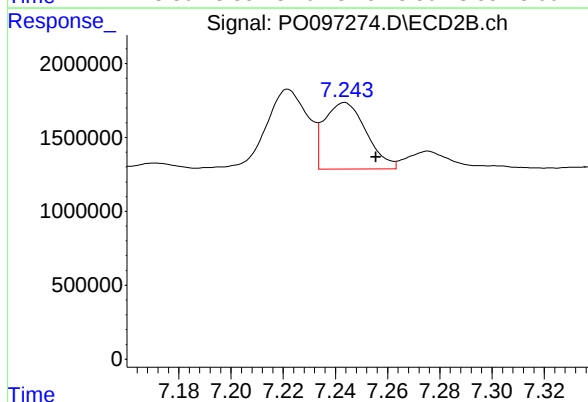
R.T.: 7.000 min
Delta R.T.: -0.012 min
Response: 2140940
Conc: 33.41 ng/ml



#35 AR-1260-5

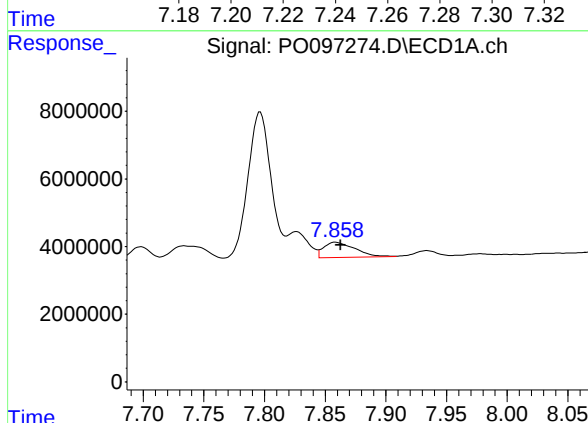
R.T.: 8.441 min
Delta R.T.: 0.011 min
Response: 8212719
Conc: 39.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



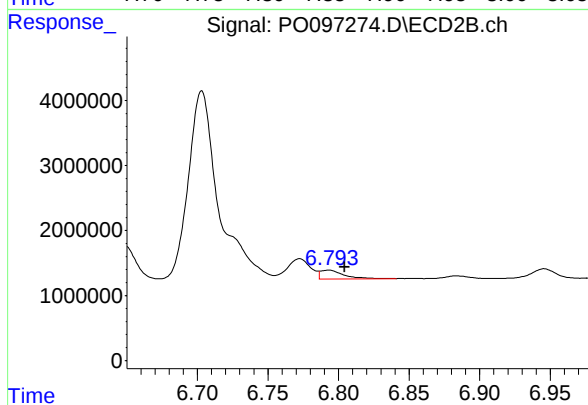
#35 AR-1260-5

R.T.: 7.244 min
Delta R.T.: -0.012 min
Response: 5012957
Conc: 36.16 ng/ml



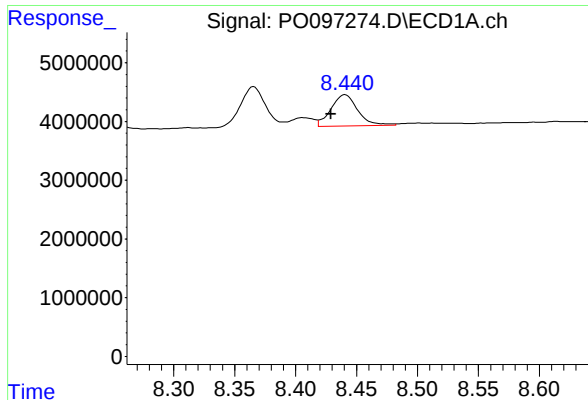
#36 AR-1262-1

R.T.: 7.859 min
Delta R.T.: -0.004 min
Response: 8214515
Conc: 55.31 ng/ml



#36 AR-1262-1

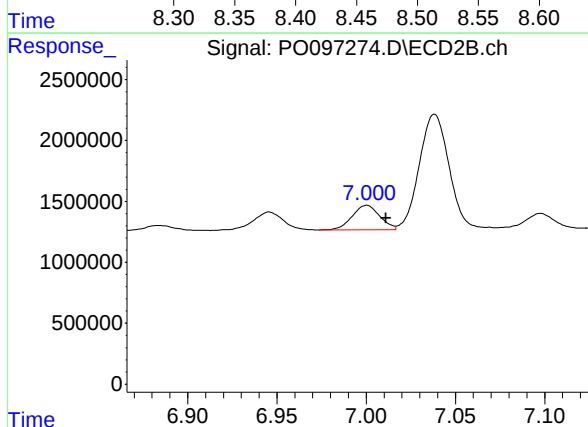
R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 1609600
Conc: 40.89 ng/ml



#37 AR-1262-2

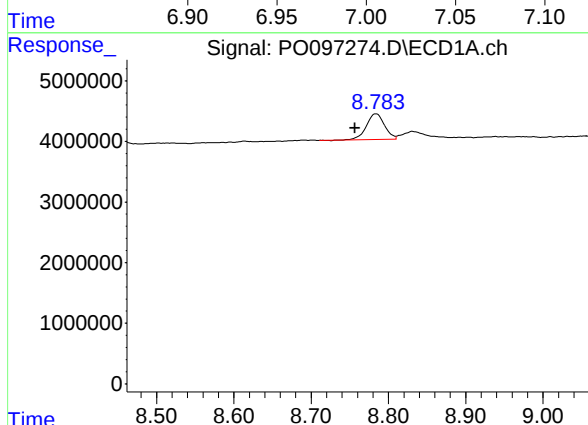
R.T.: 8.441 min
Delta R.T.: 0.012 min
Response: 8212719
Conc: 35.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



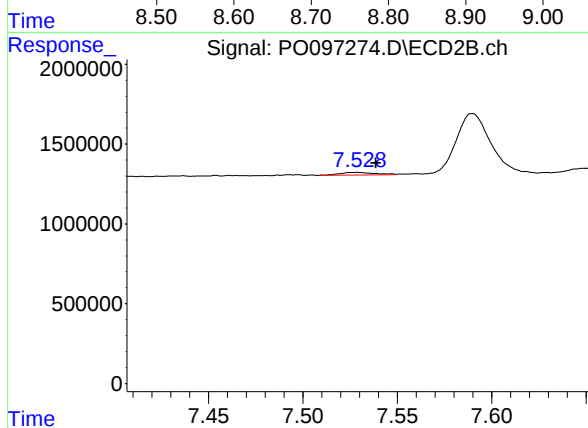
#37 AR-1262-2

R.T.: 7.000 min
Delta R.T.: -0.011 min
Response: 2140940
Conc: 26.40 ng/ml



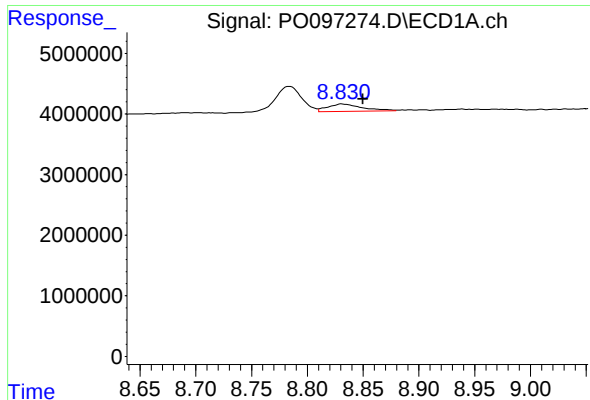
#38 AR-1262-3

R.T.: 8.784 min
Delta R.T.: 0.027 min
Response: 6890993
Conc: 41.31 ng/ml



#38 AR-1262-3

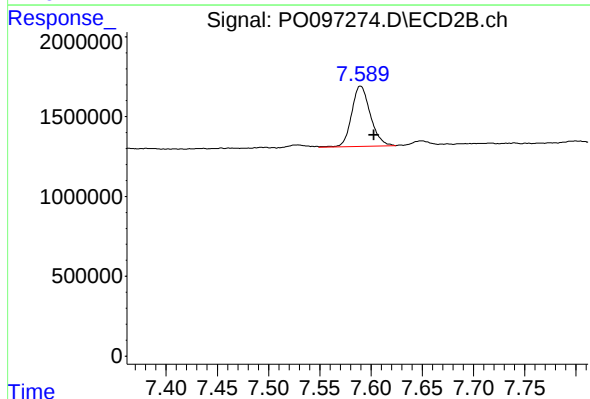
R.T.: 7.528 min
Delta R.T.: -0.011 min
Response: 219291
Conc: 3.42 ng/ml



#39 AR-1262-4

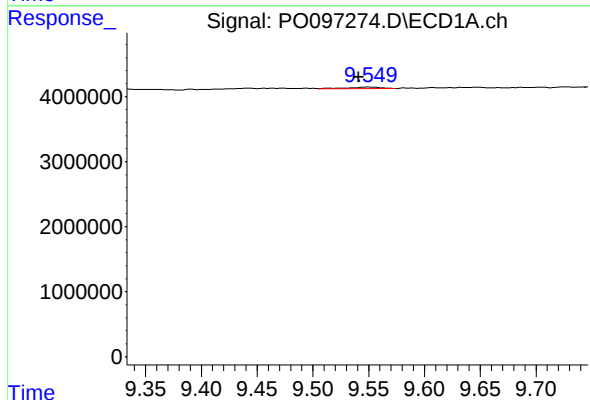
R.T.: 8.831 min
Delta R.T.: -0.019 min
Response: 2630367
Conc: 36.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



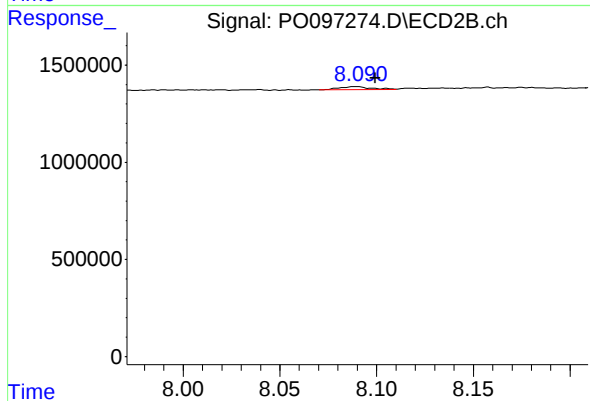
#39 AR-1262-4

R.T.: 7.590 min
Delta R.T.: -0.013 min
Response: 4785271
Conc: 42.12 ng/ml



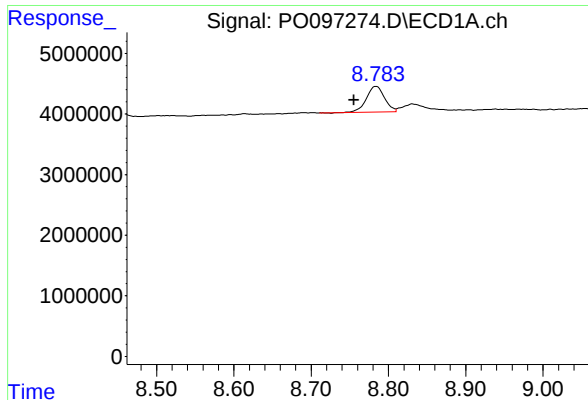
#40 AR-1262-5

R.T.: 9.550 min
Delta R.T.: 0.008 min
Response: 522997
Conc: 6.28 ng/ml



#40 AR-1262-5

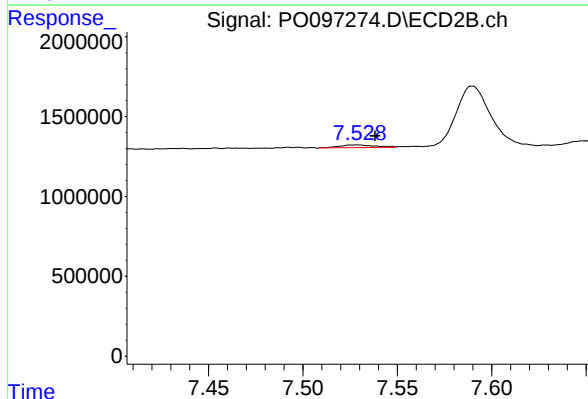
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 180052
Conc: 3.43 ng/ml



#41 AR-1268-1

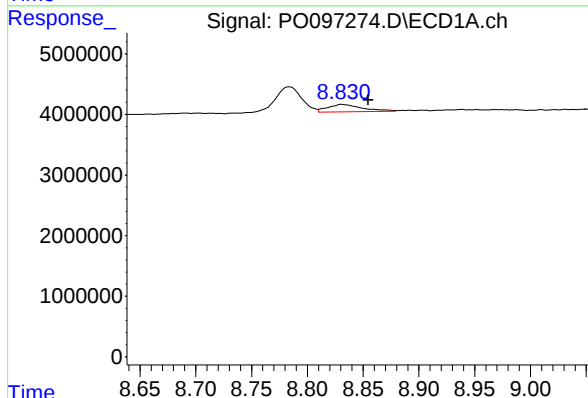
R.T.: 8.784 min
Delta R.T.: 0.029 min
Response: 6890993
Conc: 22.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



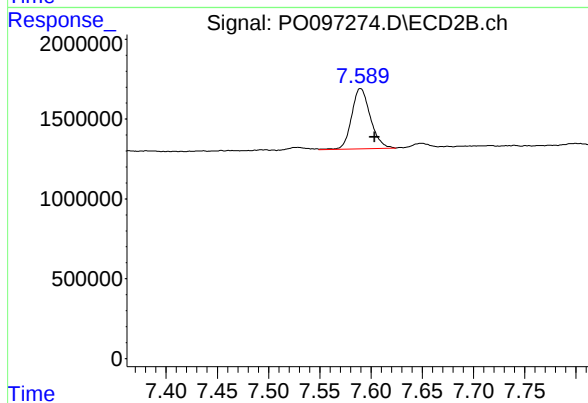
#41 AR-1268-1

R.T.: 7.528 min
Delta R.T.: -0.010 min
Response: 219291
Conc: 1.18 ng/ml



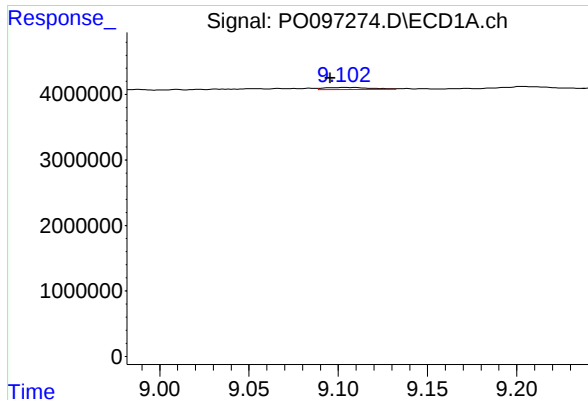
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.024 min
Response: 2630367
Conc: 9.59 ng/ml



#42 AR-1268-2

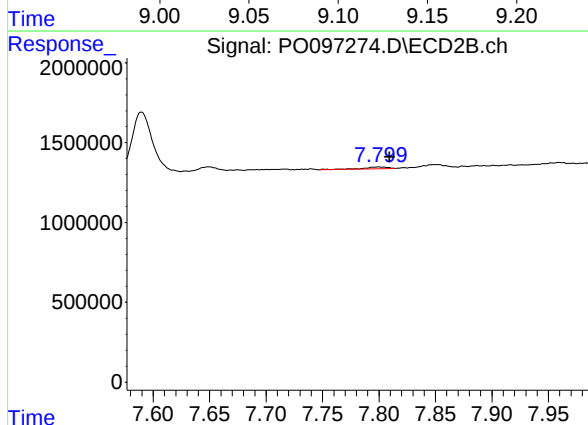
R.T.: 7.590 min
Delta R.T.: -0.014 min
Response: 4785271
Conc: 28.54 ng/ml



#43 AR-1268-3

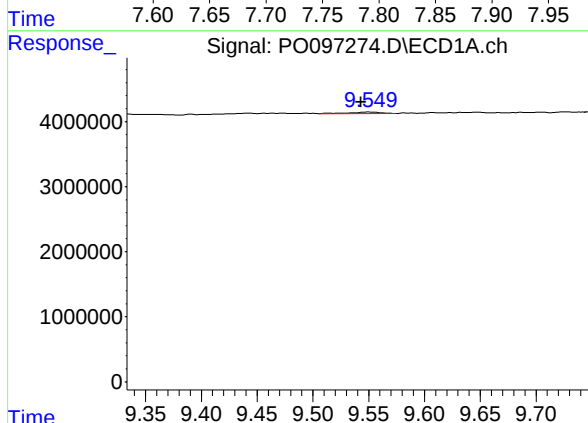
R.T.: 9.104 min
Delta R.T.: 0.008 min
Response: 604998
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



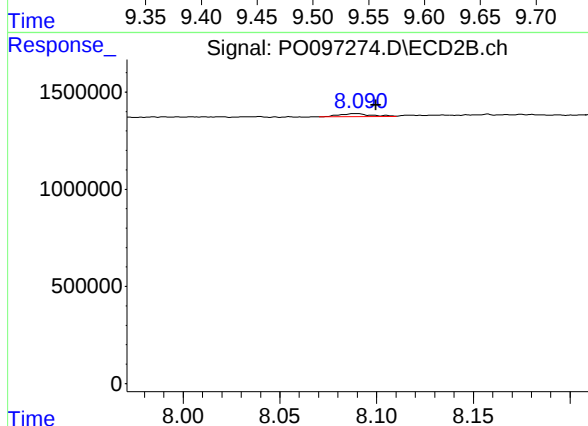
#43 AR-1268-3

R.T.: 7.799 min
Delta R.T.: -0.010 min
Response: 156138
Conc: 1.08 ng/ml



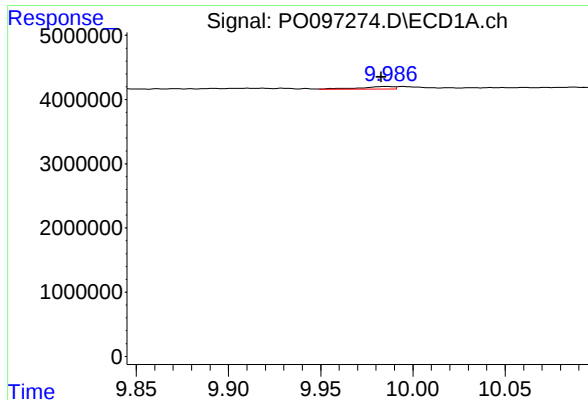
#44 AR-1268-4

R.T.: 9.550 min
Delta R.T.: 0.007 min
Response: 522997
Conc: 5.64 ng/ml



#44 AR-1268-4

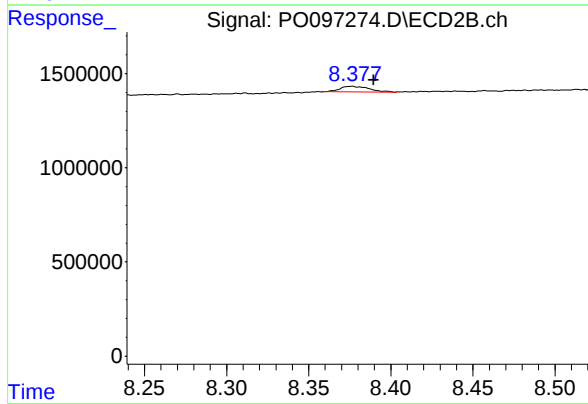
R.T.: 8.090 min
Delta R.T.: -0.010 min
Response: 180052
Conc: 3.02 ng/ml



#45 AR-1268-5

R.T.: 9.987 min
Delta R.T.: 0.004 min
Response: 466420
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.013 min
Response: 352115
Conc: 0.85 ng/ml